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Edizione	[Fifth edition.]
Descrizione fisica	1 online resource (247 p.)
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Soggetti	Magnetic resonance imaging - Safety measures Magnetic resonance imaging - Complications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Preceded by MRI / Mark A. Brown, Richard C. Semelka. 4th ed. c2010.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Production of net magnetization -- Concepts of magnetic resonance -- Relaxation -- Principles of magnetic resonance imaging -- Principles of magnetic resonance imaging -- Pulse sequences -- Measurement parameters and image contrast -- Signal suppression techniques -- Artifacts -- Motion artifact reduction techniques -- MR angiography -- Advanced imaging applications -- MR spectroscopy -- Instrumentation -- Contrast agents -- Safety -- Clinical protocols.
Sommario/riassunto	This fifth edition of the most accessible introduction to MRI principles and applications from renowned teachers in the field provides an understandable yet comprehensive update. Accessible introductory guide from renowned teachers in the field Provides a concise yet thorough introduction for MRI focusing on fundamental physics, pulse sequences, and clinical applications without presenting advanced math Takes a practical approach, including up-to-date protocols, and supports technical concepts with thorough explanations and illustrations Highlights sections that are directly relevant to radio